



PORSCHE

EPA # 2993

VIA FEDERAL EXPRESS

June 23, 2009

Mr. Dale Anderson
EDIR/VERR Coordinator
Certification & Compliance Division
U.S. Environmental Protection Agency
2000 Traverwood Drive
Ann Arbor, Michigan 48105

RECEIVED
JUN 25 2009

VPCD

Porsche Cars North America, Inc.
980 Hammond Drive
Suite 1000
Atlanta, Georgia 30328
(770) 290-3500 Fax: (770) 290-3700

RE: Emission Defect Information Report, #2007-14 Update 4

Dear Mr. Anderson:

In accordance with 40 CFR Part 85 enclosed is the fourth update to Emission Defect Information Report (EDIR) #2007-14. All updated information is given in bold font in the attached report.



Emissions Defect Information Report #2007-14 Update 4

EPA # 2993

1. Manufacturer/Importer

Dr. Ing. h.c.F. Porsche AG
70435 Stuttgart
Germany

Porsche Cars North America, Inc.
980 Hammond Drive, Suite 1000
Atlanta, Georgia 30328

2. Description of Defect

Customers have been experiencing rough running engine problems which were traced to several problems with the ignition coils. We have been able to determine the following types of problems as root causes:

- a) Coils corroded, and
- b) Coils cracked

3. Description of the potentially affected vehicles

Test Group	Model Year	Model Name	Sales
4PRXT03.26E1	2004	Cayenne	4,206
5PRXT03.26E1	2005	Cayenne	5,037
6PRXT03.26E1	2006	Cayenne	6,204
8PRXT03.66ED	2008	Cayenne	8,402
9PRXT03.66ED	2009	Cayenne	3,859 (est.)

4.1 Number of vehicles involved

The following are the number of paid warranty claims that involve an ignition coil replacement (part nos. 955 602 101 01, 955 602 101 02, 955 602 101 03, 955 602 101 04, 955 602 101 05):

Test Group	Model Year	Model Name	Parts replaced
4PRXT03.26E1	2004	Cayenne	319
5PRXT03.26E1	2005	Cayenne	636
6PRXT03.26E1	2006	Cayenne	472
8PRXT03.66ED	2008	Cayenne	36
9PRXT03.66ED	2009	Cayenne	1

June 23, 2009

4.2 Address of Involved Assembly Plants

Leipzig, Germany.

5.1 Impact on Emissions

If the ignition coil is not working properly the OBD misfire detection will illuminate the MIL, well in advance of an emissions impact, and the driver will go to the dealership to have one or more of the ignition coils replaced.

5.2 Impact on Drivability

The vehicle may have drivability problems such as rough idle or poor acceleration performance.

6. Available Emission Data

Not available.

7. Indication of Manufacturer Follow-Up

The ignition coil supplier has implemented the following quality improvements in production to address the complaints described in 2. above:

- a) 100% inspection of coil connection integrity in March 2006 and
- b) Stainless steel used in coil introduced into production in April 2006.